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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Rosenberg

Attorney Docket No.:  
1217.002/CHIRP017

Application No.: 09/155,260

Examiner: M. Pak

Filed: September 23, 1998

Group: 1646

Title: PEPTIDE LIGANDS OF THE  
UROKINASE RECEPTOR

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**REVOCATION OF PRIOR POWERS OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and hereby appoints James E. Austin, Reg. No. 39,489, of the law firm of Beyer Weaver & Thomas, LLP and Steven W. Collier, Reg. No. 42,429, of Chiron Corporation its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

**Chiron Corporation  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, CA 94662-8097**

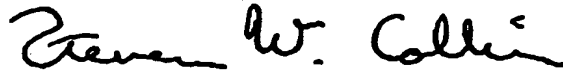
Please direct any calls to Steven W. Collier (510) 923-3774.

In accordance with 37 CFR 3.73, the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Assignee of Interest:

Chiron Corporation

Date May 13, 2003



Name: Steven W. Collier

Title: Assistant Secretary

**Docket No.**  
**1217.001**

## Declaration For Patent Application

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**PEPTIDE LIGANDS OF THE UROKINASE RECEPTOR**

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on 28 March 1997 as United States Application No. or PCT International  
Application Number PCT/US97/05199  
and was amended on N/A

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, CFR Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

08/623,361	28 March 1996	
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor <b>STEVEN ROSENBERG</b>	
Sole or first inventor's signature <i>Steven Rosenberg</i>	Date 9/17/98
Residence Oakland, California	
Citizenship United States of America	
Post Office Address 2323 Bywood Drive, Oakland, California 94602, United States of America	

Full name of second inventor, if any <b>MICHAEL V. DOYLE</b>	
Second inventor's signature <i>Michael V. Doyle</i>	Date 9/17/98
Residence Oakland, California	
Citizenship United States of America	
Post Office Address 2709 Mountaingate Way, Oakland, California 94611, United States of America	

Full name of third inventor, if any <b>HAROLD A. CHAPMAN</b>	
Third inventor's signature	Date
Residence NEWTON, MASSACHUSETTS	
Citizenship United States of America	
Post Office Address 435 Waban Avenue, Newton, Massachusetts 02168, United States of America	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sole or first inventor <b>STEVEN ROSENBERG</b>	
Sole or first inventor's signature	Date
Residence <b>Oakland, California</b>	
Citizenship <b>United States of America</b>	
Post Office Address <b>2323 Bywood Drive, Oakland, California 94602, United States of America</b>	

Full name of second inventor, if any <b>MICHAEL V. DOYLE</b>	
Second inventor's signature	Date
Residence <b>Oakland, California</b>	
Citizenship <b>United States of America</b>	
Post Office Address <b>2709 Mountaingate Way, Oakland, California 94611, United States of America</b>	

Full name of third inventor, if any <b>HAROLD A. CHAPMAN</b>	
Third inventor's signature <i>Harold Chapman</i>	Date <b>9/22/98</b>
Residence <b>NEWTON, MASSACHUSETTS</b>	
Citizenship <b>United States of America</b>	
Post Office Address <b>435 Waban Avenue, Newton, Massachusetts 02168, United States of America</b>	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 08, 1999

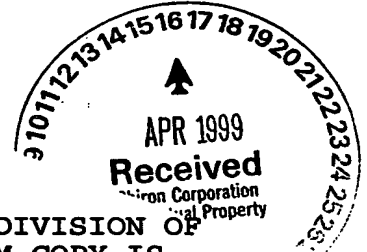
PTAS



\*100935827A\*

CHIRON CORPORATION  
SHARON M. FUJITA  
INTELLECTUAL PROPERTY - R440  
P.O. BOX 8097  
EMERYVILLE, CA 94662-8097

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**



THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/23/1998

REEL/FRAME: 9676/0343  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

CHAPMAN, HAROLD A.

DOC DATE: 09/22/1998

**ASSIGNEE:**

BRIGHAM AND WOMEN'S HOSPITAL  
75 FRANCIS STREET  
BOSTON, MASSACHUSETTS 02115

SERIAL NUMBER: 09155260

FILING DATE: 09/23/1998

PATENT NUMBER:

ISSUE DATE:

SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDED

SEARCHED  
SERIALIZED  
INDEXED  
FILED

DOCKETED on/by 4/16/99, am  
Atty. SMP PA  
File # 1217, 002  
Due Date \_\_\_\_\_ Ext \_\_\_\_\_  
Final Date \_\_\_\_\_

A/D 581-160

405 Rec'd PCT/PTO 23 SEP 1998

FORM PTO-1596 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
Copyright 1996-97 LegalStar  
POBA/REV02

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SHEET

U.S. DEPARTMENT OF COMMERCE

cket No.:

Patent and Trademark Office

9-23-98



Y 09/155260

100935827

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To the Honorable Commissioner of

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Harold A. Chapman

09,155260

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: September 22, 1998

2. Name and address of receiving party(ies):

Name: Brigham and Women's Hospital

Address: Harvard Medical School

75 Francis Street

City: Boston

State/Prov.: MA

Country: US

ZIP: 02115

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

23 September 1998

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sharon M. Fujita

Registration No. 38,459

Address: Chiron Corporation

Intellectual Property - R440

P.O. Box 8097

City: Emeryville

State/Prov.: CA

Country: USA

ZIP: 94662-8097

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

03-1664

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Sharon M. Fujita

Name of Person Signing

Sharon M. Fujita

Signature

23 September 1998

Date

Total number of pages including cover sheet, attachments, and

3





## ASSIGNMENT

### *Inventor*

**WHEREAS, Harold A. Chapman, hereinafter referred to as *ASSIGNOR*, has invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:**

**Title of Invention: PEPTIDE LIGANDS OF THE UROKINASE RECEPTOR**

**Serial No:** \_\_\_\_\_ **Filing Date:** \_\_\_\_\_ **Even date herewith**

**WHEREAS, BRIGHAM AND WOMEN'S HOSPITAL, Harvard Medical School, 75 Francis Street, Boston, Massachusetts 02115 , hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;**

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

PATENT  
1217.002

**ASSIGNOR** also agrees that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

**ASSIGNOR** further agrees that he will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNOR** has hereunto signed his name to this assignment on the dates indicated below.

DATE 9-22-98

Harold A. Chapman, Jr.  
Inventor - Harold A. Chapman

State of MASS. )  
County of SUFFOLK ) ss.

On 9/22/98 before me, KATHRYN M. GORMAN  
a Notary Public for the State of California, personally appeared HAROLD A. CHAPMAN personally known to me (OR proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledge to that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal

Kathryn M. Gorman  
Notary Public  
12/20/02

A/D 581-40

405 Rec'd LECT/BTO 23 SEP 1998

FORM PTO-1595 (Modified)  
(Rev. 8-93)  
OMB No. 0651-0011 (exp. 4/94)  
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P08A/REV02

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

**PATENTS ONLY 09/155260**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Steven Rosenberg  
Michael V. Doyle

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: September 17, 1998

## 2. Name and address of receiving party(ies):

Name: CHIRON CORPORATIONAddress: 4560 Horton StreetCity: EmeryvilleState/Prov.: CACountry: USZIP: 94608

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 23 September 1998

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sharon M. FujitaRegistration No. 38,459Address: Chiron CorporationIntellectual Property - R440P.O. Box 8097City: EmeryvilleState/Prov.: CACountry: USAZIP: 94662-8097

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

03-1664

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Sharon M. Fujita

Name of Person Signing

Sharon M. Fujita

Signature

23 September 1998

Date

3

Total number of pages including cover sheet, attachments, and

PATENT  
1217.002

**ASSIGNMENT**  
***Inventor***

**WHEREAS**, Steven Rosenberg and Michael V. Doyle, hereinafter referred to as **ASSIGNOR**, has invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:    **PEPTIDE LIGANDS OF THE UROKINASE RECEPTOR**

Serial No:

Filing Date:    Even date herewith

**WHEREAS**, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

PATENT  
1217.002

**ASSIGNOR** also agrees that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

**ASSIGNOR** further agrees that he will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNOR** has hereunto signed his name to this assignment on the dates indicated below.

DATE 9/17/98

DATE 9/17/98

Steven Rosenberg  
Inventor - Steven Rosenberg  
Michael V. Doyle  
Inventor - Michael V. DOYLE

State of California )  
County of Alameda ) ss.

On September 17, 1998 before me, Winsome A. Sinclair a Notary Public for the State of California, personally appeared STEVEN ROSENBERG and MICHAEL V. DOYLE personally known to me (OR proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledge to that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal

Winsome A. Sinclair  
Notary Public

